

IN THE SPECIFICATION

**Please amend the Title on page 1 as follows:** OPTICAL DISC RECORDING APPARATUS AND METHODS USING PSEUDO-RANDOM NUMBER SEQUENCE FOR RECORDING AUXILIARY INFORMATION, OPTICAL DISC RECORDING METHOD, OPTICAL DISC, OPTICAL DISC REPRODUCING APPARATUS, AND OPTICAL DISC REPRODUCING METHOD

**Please amend the paragraph beginning at page 11, line 15, as follows:**

With the optical disc recording apparatus 1A according to the present embodiment, during a period corresponding to the lead-in area of the disc master 2, a disc identification (ID) code generating circuit 12 generates a disc ID code SC1 as auxiliary information, and the second modulating circuit 7 modulates the EFM signal S2 from the first modulating circuit 11 with the disc ID code SC1 to produce a modulated signal S3 [[3]], and supplies the modulated signal S3 to the optical modulator 6.

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**Please amend the paragraph beginning at page 11, line 13, as follows:**

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*12/21/10*  
In response to the disc ID code SC1 from the disc ID code generating circuit 12, the M-sequence random number data MS from the pseudo-random number generating circuit 23, and the toggle signal TGL from the counter 24, the exclusive-OR circuit 25 [[24]] outputs an exclusive-OREd signal MS1 (see FIG. 4(F)).

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**Please amend the paragraph beginning at page 11, line 19, as follows:**

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*12/21/10*  
Specifically, when the toggle signal TGL is of level "0", if the disc ID code SC1 is of logic level "0", then the exclusive-OR circuit 25 [[24]] outputs an exclusive-OREd signal MS1 which is represented by the logic level of the M-sequence random number data MS.